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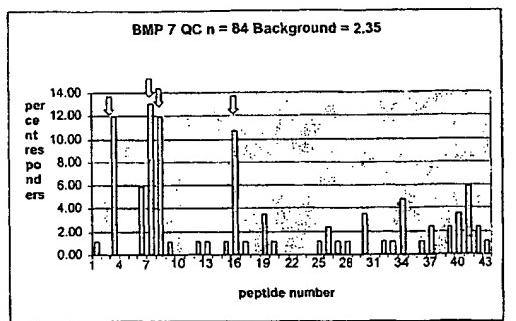
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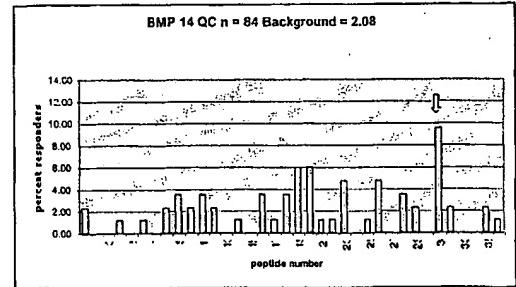
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(54) Title: CD4+ EPITOPEs OF BONE MORPHOGENETIC PROTEINS



Panel A



Panel B

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(57) Abstract: ABSTRACT The present invention provides CD4+ T-cell epitopes in bone morphogenetic proteins (BMPs). In particular embodiments, the present invention provides CD4+ T-cell epitopes of BMP-7 and BMP-14. In some preferred embodiments, the present invention provides CD4+ T-cell epitopes of BMP-7 and BMP-14 that are suitable for modification to reduce the immunogenicity of the BMP-7 and BMP-14 proteins.

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